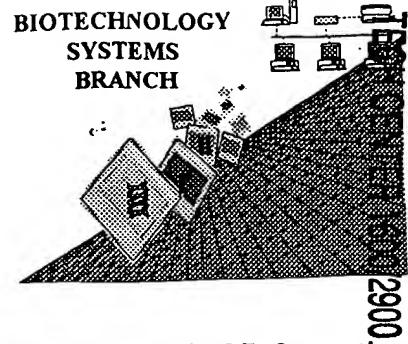


0260.



AUG 30 2001

RECEIVED

RECEIVED

MAY 17 2001

TECH CENTER 1600/2900

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/753,139A

Source: 1646

Date Processed by STIC: 5/3/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§ 1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

RECEIVED
SEP -4 2001
OIFP/JCWS

RECEIVED

Page 1 of 6

MAY 17 2001

TECH CENTER 1600/2900

1646

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/753,139A

DATE: 05/03/2001
TIME: 15:59:17

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

pp 2-3

3 <110> APPLICANT: Quirk, Stephen
4 Tyrrell, David
5 <120> TITLE OF INVENTION: Design and Use of Advanced Zinc Chelating Peptides to Regulate Matrix
6 Metalloproteinases
7
8 <130> FILE REFERENCE: 44039-227522 11301-0200
9
10 <140> CURRENT APPLICATION NUMBER: US 09/753,139A
C--> 11 <141> CURRENT FILING DATE: 2000-12-20
12
13 <160> NUMBER OF SEQ ID NOS: 10
14
15 <170> SOFTWARE: PatentIn version 3.0
16
17 <210> SEQ ID NO: 1
18
19 <211> LENGTH: 7
20
21 <212> TYPE: PRT
22
23 <213> ORGANISM: Artificial Sequence
24
25 <220> FEATURE:
26
27 <223> OTHER INFORMATION: Synthetic Peptide
28
29 <220> FEATURE:
30
31 <221> NAME/KEY: VARIANT
32
33 <222> LOCATION: (2)..(2)
34
35 <223> OTHER INFORMATION: X = Ser or Thr
36
37 <220> FEATURE:
38
39 <221> NAME/KEY: VARIANT
40
41 <222> LOCATION: (4)..(4)
42
43 <223> OTHER INFORMATION: X = Ser, Ala or Val
44
45 <400> SEQUENCE:- 1
46 Cys Xaa Cys Xaa Pro His Pro
47 1 5
48
49 <210> SEQ ID NO: 2
50
51 <211> LENGTH: 12
52
53 <212> TYPE: PRT
54
55 <213> ORGANISM: Artificial Sequence
56
57 <220> FEATURE:
58
59 <221> NAME/KEY: VARIANT
60
61 <222> LOCATION: (1)..(1)
62
63 <223> OTHER INFORMATION: X = Ile or Val
64
65 <220> FEATURE:
66
67 <221> NAME/KEY: VARIANT
68
69 <222> LOCATION: (2)..(2)
70
71 <223> OTHER INFORMATION: X = Glu, Gln or Arg
72
73 <220> FEATURE:
74
75 <221> NAME/KEY: VARIANT
76
77 <222> LOCATION: (3)..(3)
78
79 <223> OTHER INFORMATION: X = Phe or Tyr
80
81 <220> FEATURE:
82
83 <221> NAME/KEY: VARIANT
84
85 <222> LOCATION: (4)..(4)

Does Not Comply
Corrected Diskette Needed

OK
W

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/753,139A

DATE: 05/03/2001
TIME: 15:59:17

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

72 <223> OTHER INFORMATION: X = Ile or Val
75 <220> FEATURE:
76 <221> NAME/KEY: VARIANT
77 <222> LOCATION: (5)..(5)
78 <223> OTHER INFORMATION: X = Tyr or His
81 <220> FEATURE:
82 <221> NAME/KEY: VARIANT
83 <222> LOCATION: (7)..(7)
84 <223> OTHER INFORMATION: X = Ala, Pro or Glu
87 <220> FEATURE:
88 <221> NAME/KEY: VARIANT
89 <222> LOCATION: (8)..(8)
90 <223> OTHER INFORMATION: X = Pro, Phe or Ala
93 <220> FEATURE:
94 <221> NAME/KEY: VARIANT
95 <222> LOCATION: (9)..(9)
96 <223> OTHER INFORMATION: X = Ser, Asp or Met
99 <220> FEATURE:
100 <221> NAME/KEY: VARIANT
101 <222> LOCATION: (10)..(10)
102 <223> OTHER INFORMATION: X = Ala or Ser
105 <220> FEATURE:
106 <221> NAME/KEY: VARIANT
107 <222> LOCATION: (11)..(11)
108 <223> OTHER INFORMATION: X = Val or Leu
111 <220> FEATURE:
112 <221> NAME/KEY: VARIANT
113 <222> LOCATION: (12)..(12)
114 <223> OTHER INFORMATION: X = Cys or Gly
117 <400> SEQUENCE: 2
119 Xaa Xaa Xaa Xaa Xaa Thr Xaa Xaa Xaa Xaa Xaa Xaa
120 1 5 10
122 <210> SEQ ID NO: 3
123 <211> LENGTH: 9
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic Oligonucleotide
130 <220> FEATURE:
131 <221> NAME/KEY: VARIANT
132 <222> LOCATION: (1)..(1)
133 <223> OTHER INFORMATION: X = Met, Val or Leu
136 <220> FEATURE:
137 <221> NAME/KEY: VARIANT
138 <222> LOCATION: (2)..(2)
139 <223> OTHER INFORMATION: X = His, Phe or Tyr
142 <220> FEATURE:
143 <221> NAME/KEY: VARIANT
144 <222> LOCATION: (3)..(3)

This is a peptide sequence.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/753,139A

DATE: 05/03/2001
TIME: 15:59:17

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

145 <223> OTHER INFORMATION: X = Ile or Thr
148 <220> FEATURE:
149 <221> NAME/KEY: VARIANT
150 <222> LOCATION: (4)..(4)
151 <223> OTHER INFORMATION: X = Thr, His or Gly
154 <220> FEATURE:
155 <221> NAME/KEY: VARIANT
156 <222> LOCATION: (5)..(5)
157 <223> OTHER INFORMATION: X = Leu or Thr
160 <220> FEATURE:
161 <221> NAME/KEY: VARIANT
162 <222> LOCATION: (7)..(7)
163 <223> OTHER INFORMATION: X = Asp, Asn or Ser
166 <220> FEATURE:
167 <221> NAME/KEY: VARIANT
168 <222> LOCATION: (8)..(8)
169 <223> OTHER INFORMATION: X = Phe or Tyr
172 <220> FEATURE:
173 <221> NAME/KEY: VARIANT
174 <222> LOCATION: (9)..(9)
175 <223> OTHER INFORMATION: X = Ile or Val
178 <400> SEQUENCE: 3
W-OK 180 Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa
181 1 5
183 <210> SEQ ID NO: 4
184 <211> LENGTH: 7
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Synthetic Oligonucleotide
191 <400> SEQUENCE: 4
193 Cys Ser Ala Val Pro Val His
194 1 5
196 <210> SEQ ID NO: 5
197 <211> LENGTH: 7
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Synthetic Peptide
204 <400> SEQUENCE: 5
206 Asp Ser Ala Val Pro Val His
207 1 5
209 <210> SEQ ID NO: 6
210 <211> LENGTH: 9
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Synthetic Peptide
217 <400> SEQUENCE: 6

This is a peptide sequence.

RAW SEQUENCE LISTING DATE: 05/03/2001
PATENT APPLICATION: US/09/753,139A TIME: 15:59:17

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

219 Ile Tyr Thr Ala Cys Met Ser Ala Val
220 1 5
222 <210> SEQ ID NO: 7
223 <211> LENGTH: 7
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic Peptide
230 <400> SEQUENCE: 7
232 Val His Thr His Leu Cys Asp
233 1 5
235 <210> SEQ ID NO: 8
236 <211> LENGTH: 5
237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Synthetic Peptide
243 <400> SEQUENCE: 8
245 Cys Thr Cys Val Pro
246 1 5
248 <210> SEQ ID NO: 9
249 <211> LENGTH: 4
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetic Peptide
256 <400> SEQUENCE: 9
258 Cys Asp Ile Cys
259 1
261 <210> SEQ ID NO: 10
262 <211> LENGTH: 5
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Synthetic Peptide
269 <400> SEQUENCE: 10
271 His Thr Ile Thr His
272 1 5

VERIFICATION SUMMARY DATE: 05/03/2001
PATENT APPLICATION: US/09/753,139A **TIME:** 15:59:18

Input Set : A:\PTO.txt
Output Set: N:\CRF3\05032001\I753139A.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3